WETLAND DETERMINATION DATA FORM – Great Plains Region

Investigator(s):	1 10 1-	0-		State: Sampling Point: GS
investigator(s).	5 Merson	Se	ction, Township, R	ange: 725 R70W Sec. 11
				, convex, none): Slope (%):
Subregion (LRR):		Lat:750	0348.748	Long: <u>2086803.848</u> Datum: <u>NA</u>
Soil Map Unit Name: N A	nitigate a	rea		NWI classification: \(\mathcal{A} \)
Are climatic / hydrologic conditions on th				
				"Normal Circumstances" present? Yes No
				needed, explain any answers in Remarks.)
	¥1			locations, transects, important features,
Hydrophytic Vegetation Present?	Yes X N	1 1 1 1		
Hydric Soil Present?				
Wetland Hydrology Present?	Yes X N		within a Wetla	nd? Yes No
			- N	St I FI
Mitigation area.	New named	L CIFEUN	stares,	Stream used to flow in pipe a flume was replaced.
This location. Area b	rought above	- grd w	her (5510	thome was replaced.
			n 116	
VEGETATION – Use scientific	names of plan		A	
Tree Stratum (Plot size:)		ominant Indicator pecies? Status	Dominance Test worksheet:
1				Number of Dominant Species That Are OBL, FACW, or FAC
2				(excluding FAC-):
3				
4				Total Number of Dominant Species Across All Strata:
		= T		
Sapling/Shrub Stratum (Plot size: 1	Mand)		otal Covel	Percent of Dominant Species That Are OBL, FACW, or FAC:/100(/
1	SAEXI	_2	FACW	T A A
2	1			Prevalence Index worksheet:
3				Total % Cover of: Multiply by:
4				OBL species x 1 =
5.				FACW species x 2 =
		2.0 =T	otal Cover	FAC species x 3 =
Herb Stratum (Plot size: Lor Man))			FACU species x 4 =
	175101	10_	Y OBL	UPL species x 5 =
2			Y FACW	Column Totals: (A)
3	A6SC1	<u> </u>	FAC	Prevalence Index = B/A =
4	AGCAI		FACU	Hydrophytic Vegetation Indicators:
5			FAC	1 - Rapid Test for Hydrophytic Vegetation
6		41_		2 - Dominance Test is >50%
7		41	FACU	
		41_	OBL	3 - Prevalence Index is ≤3.0 ¹
8	BRJAI	41_	FACU	4 - Morphological Adaptations ¹ (Provide suppor data in Remarks or on a separate sheet)
9				
				Problematic Hydrophytic Vegetation' (Explain)
9		27.5 = T	otal Cover	Problematic Hydrophytic Vegetation ¹ (Explain)
9	·			¹ Indicators of hydric soil and wetland hydrology mus
9	·			¹ Indicators of hydric soil and wetland hydrology mus be present, unless disturbed or problematic.
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9	·			¹ Indicators of hydric soil and wetland hydrology mus be present, unless disturbed or problematic.

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Sampling Point:	GS10-12	200
ators.)		(104)

Depth	Matrix			x Feature			.					
(inches)	Color (moist)		Color (moist)	%	Type ¹	_Loc ²	Texture	Remarks				
				-			_					
	,,											
						-						
			· · · · · · · · · · · · · · · · · · ·	-								
					• •							
Type: C=Co	oncentration, D=Dep	letion. RM=Red	duced Matrix. C	S=Covered	d or Coate	d Sand C	- Grains. ² Loc	cation: PL=Pore Lining, M=Matrix.				
	ndicators: (Applica							for Problematic Hydric Soils ³ :				
Histosol				Gleyed Ma			1 cm M	luck (A9) (LRR I, J)				
	oipedon (A2)			Redox (S5				Prairie Redox (A16) (LRR F, G, H)				
Black His	stic (A3)		Stripped	d Matrix (S	66)		Dark S	urface (S7) (LRR G)				
Hydroge	n Sulfide (A4)			Mucky Mir				lains Depressions (F16)				
	l Layers (A5) (LRR F			Gleyed Ma			•	R H outside of MLRA 72 & 73)				
	ck (A9) (LRR F, G, F			d Matrix (I				ed Vertic (F18)				
	Below Dark Surface	e (A11)		Dark Surfa d Dark Su			Red Parent Material (TF2)					
	rk Surface (A12) lucky Mineral (S1)				, ,		Very Shallow Dark Surface (TF12)					
	fucky Milleral (31) fucky Peat or Peat (S2) (LRR G. H		Redox Depressions (F8)High Plains Depressions (F16)				³ Indicators of hydrophytic vegetation and				
	cky Peat or Peat (S3			RA 72 & 7				d hydrology must be present,				
	,	,	,			•		disturbed or problematic.				
Restrictive L	ayer (if present):											
Туре:												
Depth (inc	ches):		_				Hydric Soil	Present? Yes X No				
Continu Therey YDROLO	nterm more dur se hydric	ing growing soils are	ng sesson.	to b	photic	iveg t	ping.	ren. Area wet >14 drology are both present,				
1 DI COLO	drology Indicators:		· · · · · · · · · · · · · · · · · · ·									
	ators (minimum of o	ne required: ch	eck all that anni	v)			Seconda	ry Indicators (minimum of two required)				
X Surface		ne regaired, en	Salt Crust			1		ace Soil Cracks (B6)				
	ter Table (A2)		Aquatic In	• •	e (R13)			rsely Vegetated Concave Surface (B8)				
∠ riigir vva ∠ Saturatio			Hydrogen					nage Patterns (B10)				
Water Marks (B1)			Dry-Seaso					lized Rhizospheres on Living Roots (C3)				
	t Deposits (B2)		Oxidized F			na Roots		here tilled)				
X Drift Dep				not tilled)				rfish Burrows (C8)				
	t or Crust (B4)		Presence	•	d Iron (C4)		ration Visible on Aerial Imagery (C9)				
	osits (B5)		Thin Muck			,		morphic Position (D2)				
								FAC-Neutral Test (D5)				
	tained Leaves (B9)	3 , , ,	, , ,		,			t-Heave Hummocks (D7) (LRR F)				
ield Obser												
Surface Wate	er Present? Ye	es X No	Depth (in	ches): C	<u> </u>	_						
Vater Table			Depth (in									
Saturation Pr includes cap	esent? Ye	es <u>X</u> No _	Depth (in	ches):	0'			/ Present? Yes X No				
	corded Data (stream					_						
<u> کعد</u> ر Remarks:	west and wa	ter lan	d data -	From a	erlie	- 1~	Summer					

Wetland Qualitative Revege	tation Evaluation	ı Form				Form #_	
Date	Neds- o-B (104)	 	·				
Photographs taken today?	. Y ((N)	tahen	esti.	۸.		
Are desired wetland plant spec	cies present?		Ν		•		
Are there any issues regarding	the establishment	of the de	sired we	tland sp	ecies? E	Explain,	if so.
No							
Are the hydrologic conditions a wetland. If not, describe the pr	appropriate for suc oblem/issue.	ccessful e	stablishr	nent and	l sustaina	ability of	the
Yes							
7							
Woody Plant Counts							
Committee Commit			Height			Width	
Species SAEXI	Stem Count	1	2	3	11	2	3
SAEXI	18	51	25'	3'	21	j'	
		1					

Noxious weed evaluation. See separate noxious weed evaluations conducted throughout the summer months (June - August).

Suggestions for management:

Control weeds as needed. CIARI sprayed earlier

Other comments:

Area Staty to fill in w/ wetland specie.

Completed by: Jos K Nels - Date 8/21/19